INDEX

Abderhalden, E. (Ed.), Handbook of Biological Methods, 88, 363
Abderhalden, E., and Bürger, M. (Eds.), Journal for Studies on Aging, 102
Adair, F. L., Maternal Care Complications, 102
Adams, G. P., *et al.*, Knowledge and Society, 73
Adams, L. A., An Introduction to the Vertebrates, 249
Adolescent sterility, 13, 192
  in chimpanzee, 25
  in lower mammals, 17
Adshead, Gladys, Something Surprising, 498
Age at menarche, 204
Ages of Indian mothers, 200
Alihan, M. A., Social Ecology, 353
Allee, W. C., The Social Life of Animals, 86
Alien, G. M., Bats, 477
  The Mammals of China and Mongolia, 85
Ammonia, in urine, 456
Amphibians, 294
Anderson, C. G., An Introduction to Bacteriological Chemistry, 104
Annals of the Faculty of Medicine, Pôrto Allegre, 490
Ansley, A. K., An Introduction to Laboratory Technique, 342
Antihormones, 325
Appleton, A. B., *et al.*, Surface and Radiological Anatomy, 95
Arber, A., Herbals: Their Origin and Evolution, 91
Armstrong, N. A. D., After Big Game in the Upper Yukon, 85
Arthropod blood, 149
Aschoff, L., Normal and Pathological Anatomy of Old Age, 373
Ashley-Montagu, M. F., Adolescent Sterility, 13–35, 192–220
Astacus, 158
Aufrère, L., *et al.*, Life in the Desert Regions of the Old World, 72
Autohaemorrhage, 176

Babcock, E. B., and Stebbins, G. L., Jr., The American Species of Crepis, 339
Babcock, H. L., Field Guide to New England Turtles, 249
Bailey, L. H., The Garden of Larkspurs, 482
Baily, J. L., Jr., Physiological Group Differentiations in *Lymnaea columella*, 477
Bain, W. A., Schafer's Experimental Physiology, 261
Baitsell, G. A., Science in Progress, 498
Baker, L. E., The Pupillary Response Conditioned to Subliminal Auditory Stimuli, 267
Baker, O. E., A Graphic Summary of Farm Animals and Animal Products, 479
Baker, S. Josephine, Fighting for Life, 488
Banu, G., Race Hygiene, 465
Barbé, A., Studies on the Embryology of the Central Nervous System of Man, 484
Barrett, C., Wild Nature in Australia, 230
Baruk, H., Medical Psychiatry; Physiological and Experimental, 108
Baschmakoff, A., Fifty Centuries of Ethnological Evolution in the Region of the Black Sea, 238
Bastai, P., and Dogliotti, G.-C., Physiopathology of the Senile, 368
Bates, Daisy, The Passing of the Aborigines, 345
Baugh, H. (Ed.), General Semantics. (Papers from First American Congress), 267
Beaty, J. Y., Sharp Ears, the Baby Whale, 360
Beaver, W. C., Fundamentals of Biology, 343
Beck, S. J., Personality Structure in Schizophrenia, 266
de Beer, G. R. (Ed.), Evolution, 67
Behavior, dominance-subordination, 124
  immature females, 128
  mature females, 125
  patterns of, 134
Bellelli, F., Anatomy of the Newborn, 366
Benedict, F. G., Vital Energetics, 256
  and Lee, R. C., Hibernation and Marmot Physiology, 259
Bensley, B. A., Practical Anatomy of the Rabbit, 95
Bensley, R. R., and Bensley, S. H., Handbook of Histological and Cytological Technique, 94
Bent, A. C., Life Histories of North American Birds of Prey. (Pt. 2), 247
Bercaw, Louise O., Bibliography on Land Utilization, 1918–36, 83
Berland, L., The Spiders, 87
Bernacchi, L. C., Saga of the "Discovery", 341
Bernal, J. D., The Social Function of Science, 470
Beutner, R., Life's Beginning on the Earth, 336
Bibliography of Cook Books, Oxford City Libraries, 384
Bieger, W., and Wahlström, A., Wild Mammals of Central Europe, 248
Bier, A., New Aspects of Heredity, 229
Biochemistry (book reviews), 102, 261, 375, 492
Biological effects of population density in lower organisms, 35
  time, 277
Biometry (book reviews), 106, 264, 378, 493
Bisby, G. R., *et al.*, The Fungi of Manitoba and Saskatchewan, 365

Blacklock, D. B., and Southwell, T., A Guide to Human Parasitology, 261
Block, R. J., The Determination of the Amino Acids, 262
Blood, acidity of, in arthropods, 154
clotting of, 152
specific gravity of, in arthropods, 153
Boas, Franz (Ed.), General Anthropology, 238
Bock, Fr., and Pigorini, L., The Silkworm, 359
Bodansky, M., Introduction to Physiological Chemistry, 103
and Fay, Marion, Laboratory Manual of Physiological Chemistry, 103
Bodenheimer, F. S., Problems of Animal Ecology, 247
Body fluids, 456
Bøe, F., Studies on Prolonged Pregnancy in Rats, 375
Bombyx mori, 433, 442
Bonneville Hatchery, for salmon eggs, 413
Botany (book reviews), 90, 249, 361, 480
Bower-Shore, C., Character in Fish, 88
Boyce, J. S., Forest Pathology, 91
Bradley, J. H., Patterns of Survival, 226
Brain tubules, 398
Brandes, G., The Life History of Buschi, an Orang-outang, 479
Branson, E. B., Stratigraphy and Paleontology of the Lower Mississippian of Missouri, Pt. 1, 338
Brill, J. A., *et al.*, The Nervous System, 256
Brimley, C. S., The Insects of North Carolina, 249
Brock, F., Studies on Types and Environment, 480
Brocq-Rousseu, D., and Roussel, G., Normal Serum, 491
Brown, F. J., Refugees, 471
Brown, M. (Ed.), Index to North American Ferns, 364
Brown, W., Psychological Methods of Healing, 495
Brumley, O. V., A Text-book of the Diseases of the Small Domestic Animals, 102
Buchanan, Estelle D., and Buchanan, R. E., Bacteriology, 254
Buchanan, S., The Doctrine of Signatures, 97
Buchner, P., Symbiosis of Animals with Plant Microorganisms, 343
Buchsbaum, R., Animals without Backbones, 246
Buck, J. L., Land Utilization in China, Vols. I, II, III, 348
Buck, P. H., Vikings of the Sunrise, 356
Bücklers, M., *et al.*, Diseases of the Eye, 340
Buffalo Society of Natural Sciences, Seventy-Five Years, 232
Burdon, R. L., Medical Microbiology, 489
Buros, O. K., Research and Statistical Methodology, 378
The Nineteen Thirty-Eight Mental Measurements Yearbook of the School of Education of Rutgers University, 383
Bush, G. L., *et al.*, A Biology of Familiar Things, 467

Canella, M. F., Mutation Theory of Modern Biology, 465
Cannon, W. B., The Wisdom of the Body, 491
Carbohydrates in arthropod blood, 165
Carleton, H. M., Schafer's Essentials of Histology, 367
Carnegie Institution of Washington, Contributions to Embryology, Vol. XXVII, Nos. 160–169, 254
Carrel, A., and Lindbergh, C. A., The Culture of Organs, 98
Castellani, *Sir* Aldo, Climate and Acclimatization, 78
Caullery, M., Progress of Experimental Embryology, 366
Cell of Schwann, 387
Cetaceans, 455
Chaney, R. W., *et al.*, Miocene and Pliocene Floras of Western North America, 227
Chapman, F. M., Life in an Air Castle, 230
Chemistry and sex, 460
Chiao, C. M., *et al.*, An Experiment in the Registration of Vital Statistics in China, 81
Chibnall, A. C., Protein Metabolism in the plant, 486
Chilomonas, 7
Chimpanzee, sterility of, 25
Chironomus, 440
Chisholm, W. H., Vivid Experiences in Korea, 83
de Chrapowicki, Maryla, Spectro-Biology, 99
Christophe, L., Death from Burns, 489
Cladocera, 137
Claoué, Ch., The Inner Ear; Anatomical, Pathological and Clinical Studies, 94
Clark, P. F., Alice in Virusland, 250
Clarke, George L., The Relation between Diatoms and Copepods as a Factor in the Productivity of the Sea, 60–64
Claxton, W. J., Experiments in Plant Life, 252
Clotting of blood, in arthropods, 152
Cohn F., Bacteria: the Smallest of Living Organisms, 481
Coker, R. E., The Problem of Cyclomorphosis in *Daphnia*, 137–148
Cole, J. S., Correlations between Annual Precipitation and the Yield of Spring Wheat in the Great Plains, 483
Colson, P., Georgian Portraits, 474
Commission of Secondary School Curriculum, Science in General Education, 110
Conant, R., The Reptiles of Ohio, 88
and Bridges, W., What Snake is That? 479
Continuity of life, 281
Coon, C. S., The Races of Europe, 471

Cooper, E. A., and Nicholas, S. D., Aids to Biochemistry, 103
Copepods, 60
Corner, G. W., Attaining Manhood, 106
da Costa, A., Elements of Embryology, 256
Coston, H. E. T., Speckled Nomads, 360
Courtot, Ch., *et al.*, Organic Chemistry, Vol. 14, 492
Cowdry, E. V., A Text-book of Histology, 93
(Ed.), Problems of Ageing, 370
Crandall, L. A., An Introduction to Human Physiology, 98
Crane, M. B., and Lawrence, W. J. C., The Genetics of Garden Plants, 467
Creaser, C. W., Species Specificity of the Gonadotropic Factors in Vertebrates, 311–331
Crichton-Browne, *Sir* James, The Doctor Remembers, 240
Crum, W. L., *et al.*, Introduction to Economic Statistics, 264
Curtis, W. C., and Guthrie, Mary J., Textbook of General Zoology, 244
Cyclomorphosis in *Daphnia*, 139

Dalcq, A. M., Form and Causality in Early Development, 484
Daniel, R. J. (Ed.), Proceedings and Transactions of the Liverpool Biological Society, Vol. 51, 231
Daphnia, 51, 137, 151
Darling, F. F., Wild Country, 341
Darlington, C. D., The Evolution of Genetic Systems, 337
Darrah, W. C., Principles of Paleobotany, 339
Darwin, 220
David, F. N., Tables of the Ordinates and Probability Integral of the Distribution of the Correlation Coefficient in Small Samples, 107
Davis, W. B., The Recent Mammals of Idaho, 478
Dawson, C. D., and Dorn, M. V., Plant Chemiculture, 365
Deaver, G. G., Fundamentals of Physical Examination, 372
Defries, Amelia, Sheep and Turnips: Being the Life and Times of Arthur Young, F.R.S., 481
De Omnibus Rebus et Quibusdem Aliis (book reviews), 109, 267, 383, 498
Depigmentation, 301
Dewar, Douglas, More Difficulties of the Evolution Theory, 68
Diatoms and Copepods, 60
Dickinson, R. L., Control of Conception, 264
Differentiation, 142
Discovery of the cell of Schwann in 1839, 387
Dixon, J. S., Birds and Mammals of Mount McKinley National Park, 88
Dollard, J., *et al.*, Frustration and Aggression, 381
Dominance-subordination patterns, 134
Doorly, Eleanor, The Microbe Man, 351
Drosophila, 35, 439
larval growth of, thyroid fed, 440
Duggan-Cronin, A. M., The Bantu Tribes of South Africa, 475
Duke, Winifred, Trial of Field and Gray, 350
Dunbar, *Sir* George, Other Men's Lives, 82
Duncan, C. D., A Contribution to the Biology of North American Vespine Wasps, 361
Duration of life, 39

Echinometra, 438
Ecology looks homeward, 332
Edge, P. G., Medical and Sanitary Reports from British Colonies, Protectorates and Dependencies for the Year 1936, 370
Effects of feeding thyroid substance, 289
von Eickstedt, E. F., History of the Races of Mankind, Vol. 1, No. 6, 357; No. 7, 475
Einarson, L., and Ringsted, A., Effect of Chronic Vitamin E Deficiency on the Nervous System and the Skeletal Musculature in Adult Rats, 260
Ellis, C., and Swaney, M. W., Soilless Growth of Plants, 90
Emile-Weil, P., and Perlès, Suzanne, Puncture of the Sternum, 374
Eskelund, V., Structural Variations of the Human Iris and Their Heredity, 69
Eskew, G. L., Guinea Pigs and Bugbears, 259
Euglena, 1
Evans, A. M., Mosquitoes of the Ethiopian Region. II.—Anophelini, 245
Evolution, 220
Evolution (book reviews), 67, 226, 336, 464
Experimental hyperthyroidism, 300

Fabre, J.-H., Marvels of the Insect World, 358
Fairchild, D., The World Was My Garden, 249
Fanstone, R. M., Color Photography for Beginners, 271
Faris, R. E. L., and Dunham, H. W., Mental Disorders in Urban Areas, 380
Fassett, N. C., The Leguminous Plants of Wisconsin, 362
Fearn, Anne W., My Days of Strength, 473
Fecundity, of *Drosophila*, 41
of women, 195
Ferenczi, S., Thalassa: A Theory of Genitality, 263
Fertility ratio, in mice, 17
Fetcher, E. S., Jr., The Water Balance in Marine Mammals, 451–459
Field, Hazel E., The Fetal Pig, 367
Fiene, F., and Blumenthal, S., Handbook of Food Manufacture, 375
Fink, A. E., Causes of Crime, 351
Fischel, W., Animal Psychology, 382

Fischer, R. A., Statistical Methods of Research Workers, 264
Fish migration, 425
Fletcher, P., Life Without Fear, 381
Folsom, J. K. (Ed.: Various Contributors), Plan for Marriage, 262
Fontana, 394
Ford, E. B., The Study of Heredity, 70
Fox, H., Chronic Arthritis in Wild Mammals, 491
Frazer, *Sir* James G. (R. A. Downie, Ed.), The Native Races of Africa and Madagascar, 352
Fritsch, F. E., and Salisbury, E. J., Plant Form and Function, 253
Fritz, M. F., Collection and Presentation of Statistical Data in Psychology and Education, 379
Furnas, J. C., So You're Going to Stop Smoking! 489

Gaines, S. H., *et al.*, Bibliography on Soil Erosion and Soil and Water Conservation, 342
Garland, H., The Mystery of the Buried Crosses, 496
Gaskell, Augusta, Whence? Whither? Why? 383
Gause, G. F., The Problem of Integration, 65–67
General Biology (book reviews), 71, 229, 340, 467
Genetic ratio, 45
Genetics (book reviews), 69, 228, 339, 465
George, W. H., The Scientist in Action, 271
Gesell, A., *et al.*, Biographies of Child Development, 382
Gilbert, M. S., Biography of the Unborn, 256
Gillespie, A. S., Life's Journey Through Time, 474
Glass, D. V. and Blacker, C. P., Population and Fertility, 493
Godwin, H., Plant Biology, 483
Gonad sensitivity, 322
Gonadotropic specificity, 313
Goodall, A., Aids to Histology, 93
Gorbman, A., 311
Gordon, Mona, The Children of Tane, 476
Gorilla, 32
Gortner, R. A., Outlines of Biochemistry, 103
Gottlieb, B., and Orban, B., Biology and Pathology of the Tooth and Its Supporting Mechanism, 258
Graham, M., Phytoplankton and the Herring, Pt. 3, 232
Gray, A. A., The Basis of Tissue Evolution and Pathogenesis, 96
Gray, I. E., Laboratory Directions for Comparative Vertebrate Anatomy, 93
Green, H. W., Demographical Data, Cleveland, Ohio, 1931–1937, 493
  Infant Mortality and Economic Status, 493
  Natural Increase and Migration; Greater Cleveland 1919–1937, 243
Greenwood, W. O., Biology and Christian Belief, 384
Gregory, Jennie, ABC of the Vitamins, 101
Gregory, W. K., Fossil Anthropoids of the Yale-Cambridge Indian Expedition of 1935, 228
Growth, 20
  requirements, of flagellates, 4
Gustafson, A. F., *et al.*, Conservation in the United States, 467

Haemolymph, in arthropods, 164
Haggard, H. W., Man and His Body, 257
  The Science of Health and Disease, 257
Halbwachs, M., Morphology of the Social Structure, 355
Haldane, J. B. S., The Chemistry of the Individual, 70
Hall, R. P., The Trophic Nature of the Plant-Like Flagellates, 1–12
Hall, *Sir* Daniel, Our Daily Bread, 242
Halliburton, W. D., and McDowall, R. J. S., Handbook of Physiology and Biochemistry, 100
Hammond, E. Cuyler, Biological Effects of Population Density in Lower Organisms, 35–60
Hann, Helen N., and Stiebeling, Hazel K., Food Consumption of Children at the National Child Research Center, 260
Harrow, B., Biochemistry for Medical, Dental and College Students, 105
Hartmann, M., Sex Organs and Sex Determination in Plants and Animals, 377
Haskins, C. P., Of Ants and Men, 478
Haupt, A. W., An Introduction to Botany, 251
Haurowitz, F., Progress in Biochemistry. Part III, 104
Hayward, H. E., The Structure of Economic Plants, 252
Hazemann, R. H., Social Hygiene of Cities. Pt. I. Urbanism and Social Work, 82
Hector, J. M., Introduction to the Botany of Field Crops, 480
Hegner, R., Big Fleas Have Little Fleas, 230
  et al., Parasitology, 88
Heiser, V., You're the Doctor, 487
Helmets, in *Cladocera*, 140
  origin of, 142
Henderson, Y., Adventures in Respiration, 100
Henriksson, F., The Nobel Prizes and Their Founder Alfred Nobel, 355
Herrick, F. H., Audubon the Naturalist, 74
Herskovits, M. J., Acculturation, 239
  Dahomey: An Ancient West African Kingdom, 234
Herter, K., The Biology of the European Hedgehog, 357
Hess, W. R., Regulation of the Circulation and Respiration of the Mid-Brain, 100

Hessler, J. C., *et al.*, Understanding Our Environment, 498
Heuss, E., Rational Biology: A Critique of Driesch's Theory of Vitalism, 72
Hewett, E. L., Ancient Andean Life, 468
Hickling, C. F., The English Plaice-Marking Experiments 1929–32, 84
Hill, W. W., The Agricultural and Hunting Methods of the Navaho Indians, 81
Himes, N. E., Practical Birth-Control Methods, 263
Hirszfeld, L., Blood Groups, 487
Hobley, C. W., Bantu Beliefs and Magic, 241
Hogben, L., Political Arithmetic, 80
Science for the Citizen, 269
Holecek-Holleschowitz, C., Breeding Domestic Animals, 466
Holman, L. J., Simplified Statistics, 378
Holman, R. M., and Robbins, W. W., A Textbook of General Botany, 251
Home Institute of the N. Y. Herald Tribune, America's Cook Book, 84
Homing instinct in salmon, 425
Hooton, E. A., Crime and the Man, 344
The American Criminal, 344
Howell, A. B., Gross Anatomy, 486
Hrdlička, Aleš, Practical Anthropometry, 494
Huber-Pestalozzi, G., The Phytoplankton of Fresh Water, 92
Hudson, A. E., Kazak Social Structure, 80
Hughes-Gibb, Eleanor, Trees and Men, 254
Human Biology (book reviews), 73, 232, 344, 468
Hunter, L., Domestic Pests, 478
Hunter, R. H., Aids to Embryology, 95
Hylander, C. J., The World of Plant Life, 480
Hyperthyroidism, 432
Hypophyseal extracts, 312
Hypotonic media, 163

Inheritance, of fertility, 44
Innes, J. W., Class Fertility Trends in England and Wales, 1876–1934, 492
Invertebrates, thyroid feeding of, 434
Iodine metabolism, 293

Jackson, A. T., Picture-Writing of Texas Indians, 236
Jackson, C., The Life of Chevalier Jackson, 77
Jeffrey, Mary P., Dr. Ida: India, 357
Jensen, H. F., Insulin: Its Chemistry and Physiology, 261
Johnson, W., Language and Speech Hygiene, 495
Jordan, E. O., A Textbook of General Bacteriology, 90
Jull, M. A., Poultry Husbandry, 86
Just, E. E., The Biology of the Cell Surface, 370

Kagan, S. R., Life and Letters of Fielding H. Garrison, 242
Kahn, F., Our Sex Life, 377
Kallman, F. J., The Genetics of Schizophrenia, 228
Kashkarov, D. N., Fundamentals of Animal Ecology, 86
Keen, A. Myra, and Frizzell, D. L., Illustrated Key to West North American Pelecypod Genera, 480
Keesing, F. M., The Menomini Indians of Wisconsin, 474
Keliher, Alice V. (with the Commission of Human Relations), Life and Growth, 266
Keller, R., Electrical Groups in Biology and Medicine, 261
Kellogg, Vernon: 1867–1937, 357
Kenly, Julie C., Little Lives, 87
Kermack, W. O., and Eggleton, P., The Stuff We're Made of, 375
Kessel, E. L., The Embryology of Fleas, 485
King, H. D., Life Processes in Gray Norway Rats during Fourteen Years in Captivity, 466
van der Klaauw, C. J. (Ed.), Bibliography of Theoretical Biology (1925–29), 73
Klauber, L. M., A Statistical Study of the Rattlesnakes, 107
Koch, W. F., The Chemistry of Natural Immunity, 375
Kowalewski, G., Fundamentals of Higher Mathematics, 494
Koya, Y. (Ed.), Tuberculosis in Rural Japan, 259
Krafft, C. F., The Chemical Organization of Living Matter, 105
Kroeber, Elsbeth, and Wolf, W. H., Adventures with Living Things, 231
Kuhn, O., Invertebrate Phylogenies Based on Paleontological Findings, 339
The Phylogeny of Vertebrates Based on Paleontological Records, 227

La Barre, W., The Peyote Cult, 81
Lamb, F. H., Sagas of the Evergreens, 251
Landis, C., and Hunt, W. A., The Startle Pattern, 380
and Page, J. D., Modern Society and Mental Disease, 266
Landmarks in Medicine, Laity Lectures of the N. Y. Academy of Medicine, 371
Larsell, O., Textbook of Neuro-Anatomy and the Sense Organs, 366
Laufer, B., The American Plant Migration, 250
Lee, H., Fox in the Cloak, 267
Lefèvre, J., A Critique of Biology, 232
Lehmann, E., and Martin O. (Eds.), A Handbook of German Biologists, 72

Leiner, M., Physiology of the Breathing Mechanism of Fish, 260
Leith-Ross, Sylvia, African Women, 346
Lenzen, V. G., Procedures of Empirical Science, 112
Lepeschkin, W. W., Colloidal Chemistry of Protoplasm, 105
Leraas, H. J., Ecological Distribution of the Mammals in the Cranbrook Area, 249
Leucocytic agglutinations, 152
Levy, H., A Philosophy for a Modern Man, 111
Lewis, E., In Search of the Gyr-Falcon, 243
Lichtig, Ignaz, The Origin of Life, 228
Life tables, for *Drosophila*, 37
Lindsey, A. W., The Processes of Evolution, 220–225
Linfield, S. L., Laws Relating to Birth Control in the United States and Its Territories, 105
Link, H. C., The Rediscovery of Man, 265
Lockley, R. M., I Know an Island, 340
Loeper, M., *et al.*, Intoxications and Alimentary Disturbances, 99
Loomis, W. E., and Shull, C. A., Experiments in Plant Physiology, 483
Luck, J. M., and Hall, V. E. (Eds.), Annual Review of Physiology, Vol. I, 487
and Noller, C. R. (Eds.), Annual Review of Biochemistry, Vol. VII, 104
Luyet, B. J. (Ed.), Biodynamica, 102

MacFayden, Mary, Beauty Plus, 101
Mackaness, G. (Ed.), A Book of the 'Bounty', William Bligh and Others, 470
Madison, H. L., Wild Flowers of Ohio, 253
Maller, J. B., School and Community, 472
Malufᵉ, N. S. Rustum, The Blood of Arthropods, 149–191
Mangham, S., and Hockley, A. R., Biology for Pharmaceutical Students and Others, 374
Marie-Victorin, Frère, Phytogeographical Problems of Eastern Canada, 252
Marine arthropods, blood of, 161
Marking, of fish, 409
Marquard, L., and Standing, T. G., The Southern Bantu, 350
Marsh, L. C., *et al.*, Health and Unemployment, 236
Marshall, J. F., The British Mosquitoes, 360
Marsland, D. (Collaborator, P. F. Brandwein), Manual of Biology, 468
Martin, P. L., American Animal Book, 361
Masculinity, 119
Mather, K., The Measurement of Linkage in Heredity, 70
Matsner, E. M., The Technique of Contraception, 106
Maturity, of salmon, 415
Maximov, N. A., Plant Physiology, 92
Maximow, A. A., and Bloom, Wm., A Textbook of Histology, 93
McAtee, W. L., Wildfowl Food Plants, 363
McClendon, J. F., Iodine and the Incidence of Goiter, 371
McClintock, T., The Underwater Zoo, 358
McCollum, E. V., *et al.*, The Newer Knowledge of Nutrition, 490
McCrady, E., Jr., The Embryology of the Opossum, 255
McDermott, W. C., The Ape in Antiquity, 337
McInerny, A. J., Through the Great Arid Filter, 68
McKay, Helen M. (Ed.), The South African Drawings of William J. Burchell, Vol. I, 472
McKee, E. D., The Environment and History of the Toroweap and Kaibab Formations of Northern Arizona and Southern Utah, 226
Meiche, E., and Barrett, Marie, Characteristics and Classification of Animals, 89
Melhus, I. E., and Kent, G. C., Elements of Plant Pathology, 483
Mellanby, Helen, Animal Life in Fresh Water, 248
Melland, F., Elephants in Africa, 476
Menarche, 14, 204
Messer, H. M., An Introduction to Vertebrate Anatomy, 93
Metamorphosis, 169, 297
Meyer, P., Colloidal Osmotic Pressure of Body Liquids, 376
Michel-Durand, E., Phosphatides of Plants, 492
The Phosphorus in Plants, 373
Migration, of fish, 425
Milbank Memorial Fund, Nutrition: The Newer Diagnostic Methods, 373
Miller, D. F., and Blaydes, G. W., Methods and Materials for Teaching Biological Sciences, 229
Miller, E. C., Plant Physiology, 361
Mineral salts, in arthropod blood, 115
Mitchell, H. L., The Growth and Nutrition of White Pine (*Pinus strobus L.*) Seedlings in Cultures with Varying Nitrogen, Phosphorus, Potassium and Calcium, 482
Mitchell, P. H., A Textbook of General Physiology for Colleges, 98
and Taylor, I. R., Laboratory Manual of General Physiology, 98
Monsarrat, K. W., Human Powers and Their Relations, 108
Moore, Jane, Cityward Migration, 232
Morénas, L., Morphology and Biology of the Intestinal Flagellata of Rats and Guinea Pigs, 343
Morphogenesis, 302
Morphology (book reviews), 93, 254, 365, 484
Morris, C. W., Foundations of the Theory of Signs, 112

Morris, P. A., What Shell is That?, 361
Morton, D. J., Oh, Doctor! My Feet!, 365
Moulting, 304
Moulton, F. R. (Ed.), Syphilis, 260
Movements of salmon in the sea, 418
Moyne, *Lord*, Atlantic Circle, 346
Mudge, C. S., and Smith, F. R., A Fundamental Approach to Bacteriology, 363
Muenscher, W. C., Poisonous Plants of the United States, 364
Mukerjee, R., Food Planning for Four Hundred Millions, 242
Müller, A., On the Descent of the Mammalian Gonads, 256
Munn, N. L., A Laboratory Manual in General Experimental Psychology, 109
Munns, E. N., The Distribution of Important Forest Trees of the United States, 254
Münzer, F. Th., The Discovery of the Cell of Schwann in 1839, 387–407
Myeline sheath, 396
Myxoedema, 291

Nagel, E., Principles of the Theory of Probability, 378
Nature of plant-like flagellates, 1
Neal, H. V., and Rand, H. W., Chordate Anatomy, 486
Neblette, C. B., Photography, Its Principles and Practice, 384
Needham, J., and Pagel, W. (Eds.), Background to Modern Science, 270
Needham, P. R., Trout Streams, 358
Nerve cylinder, 391
  sheath, 389
  tubes, 394
Neurath, O. (Ed.), Encyclopedia and Unified Science, Vols. I and II, 112
Neurilemma, 397
New Biological Books, 65–112, 226–271, 332–385, 460–499
New England Naturalist, No. 1, 342
Newman, H. H., The Phylum Chordata, 476
Newstetter, W. I., Group Adjustment, 78
Nice, Margaret M., The Watcher at the Nest, 358
Nicol, H., Plant Growth-Substances, 253
North, F. J., Finland in Summer, 82
Northrop, J. H., Crystalline Enzymes, 492
Nubility, 210
Nutrition, methods of, 1
  photomesotrophic, 5
  photometatrophic, 5

Oestrous, 19
Okada, Y., A Catalogue of Vertebrates of Japan, 359
Oncorhynchus, 409
Organic nerve fiber, 393
Organisms in time, 275
Orgler, H., Alfred Adler: The Man and His Work, 497
Osmoregulation, 157
Otto, R., *et al.* (Eds.), Chemistry and Physiology of Albumen, 492
Ovulation, induced, 320
Oxygen consumption, increase of, by dried tissues, 433

Paramecia, 435
Park, O., *et al.*, A Laboratory Introduction to Animal Ecology and Taxonomy, 477
Park, Thomas, Plant and Animal Communities, 332–336
Park, W. Z., Shamanism in Western North America, 83
Parkins, A. E., and Whitaker, J. R., Our Natural Resources and Their Conservation, 468
Partridge, W., Aids to Bacteriology, 90
Paternity laws, 243
Paterson, D. D., Statistical Technique in Agricultural Research, 378
Pearl, Raymond, The Natural History of Population, 83
Pearl, Raymond, and Pearl, Maud D., The Prices of Biological Books, 500–502
Pearse, A. S., Animal Ecology, 361
  et al., Fauna of the Caves of Yucatan, 246
Pearson, E. S., Karl Pearson: An Appreciation of Some Aspects of His Life and Work, 354
Pentelow, F. K. T., *et al.*, An Investigation of the Effects of Milk Wastes on the Bristol Avon, 248
Permanent International Council for Exploration of the Sea, Vol. 108, Pts. I, II, III, 246
Perry, R. B., In the Spirit of William James, 111
Personality, in chimpanzee, 130
Pfizenmayer, E. W., Siberian Man and Mammoth, 472
Phagocytosis, 151
Philby, H. St. J. B., Sheba's Daughters, 469
Physiological processes, thyroid effect on, 293
Physiology and Pathology (book reviews), 95, 256, 367, 486
Picardo, C., Vaccination Against Early Senescence, 372
Pickwell, G., Deserts, 467
Piddington, R. A., The Next British Empire, 77
Pincus, G., Sex and Internal Secretions, 460–464
Pitt-Rivers, G. L.-F., The Czech Conspiracy, 353
Plant tissues, effect of thyroid treatment, 433
Poems of Richard De Veaux, 270
Pollens, B., The Sex Criminal, 347

Pollock, H. M., *et al.*, Hereditary and Environmental Factors in the Causation of Manic-Depressive Psychoses and Dementia Praecox, 496
Polonovski, M. (Ed.), Annual Exposition of Medical Biochemistry, 376
Pomerleau, R., The Life Cycle of *Gnomonia ulmea* (Schw.) Thüm, 363
Population density, 35
growth, 36
Portier, P., Physiology of Marine Animals, 367
Potter, G. E., Textbook of Zoology, 244
de Pradenne, A. V., Prehistory, 239
Pratt, C. C., The Logic of Modern Psychology, 496
Prenant, M., Biology and Marxism, 76
Price, A. G., White Settlers in the Tropics, 345
Prices of biological books, 500
Priestley, J. H., and Scott, L. I., An Introduction to Botany, 364
Primate dominance, 119
Problem of cyclomorphosis in *Daphnia*, 137
of integration, 220
Processes of evolution, 220
Procter, W., Biological Survey of the Mount Desert Region, Part VI, 343
Profiles in human biology, 113, 272
Pryll, W., Economical Administration of Health Insurance Benefits, 352
PSYCHOLOGY AND BEHAVIOR (book reviews), 107, 265, 379, 494
Puberty, 13, 210
Purkinje, 401
Pym, T. W., Sex and Sense, 105

Quayle, H. J., Insects of Citrus and Other Subtropical Fruits, 86

Races of salmon, 414
Rackham, H., Pliny. Natural History: with an English Translation, Vol. 1, Books I, II, 343
Rana, 295, 311
Rashevsky, N., Mathematical Biophysics, 106
Rawdon-Smith, A. F., Theories of Sensation, 381
Raymond, P. E., Prehistoric Life, 338
Reinig, W. F., Elimination and Selection, 68
Relation between diatoms and copepods as a factor in the productivity of the sea, 60
Remak, 392
Renner, F. G., *et al.*, A Selected Bibliography on Management of Western Ranges, Livestock, and Wild Life, 72
Reproductive cycle, 142
Rhesus monkey, 24
Rice, T. B., A Textbook of Bacteriology, 90
Richards, H. G., Animals of the Seashore, 87
RICHARDSON, RICHARD, Profiles in Human Biology, I, and II, 113–114; III and IV, 272–274
Ricketts, E. F., and Calvin, J., Between Pacific Tides, 477
Ries, E., Foundations of Histological Physiology, 262
Riesman, D., High Blood Pressure and Longevity, 100
Riley, W. A., and Johannsen, O. A., Medical Entomology, 248
Ritter, W. E., The California Woodpecker and I, 245
Ritzman, E. G., and Benedict, F. G., Nutritional Physiology of the Adult Ruminant, 96
Roberts, H., The Troubled Mind, 382
Robertson, J. A., The Sprat and the Sprat Fishery of England, 84
Robey, W. H., Health at Fifty, 372
Robinson, G. C., The Patient as a Person, 488
Rogers, C. G., Textbook of Comparative Physiology, 98
Roman Committee for Malaria Control, Report of, 1921–1935, 369
Rosett, J., The Mechanism of Thought, Imagery, and Hallucination, 379
Roussy, G., Cancer, 372
Rouvière, H., Anatomy of the Human Lymphatic System, 485
General Anatomy, 486
Rubio, P., Patagonian Year, 242
Rumney, J., The Science of Society, 241
Russell, E. S., The Behavior of Animals, 266
(Ed.), Journal of the Permanent International Council for Exploration of the Sea, Vol. XIII, No. 3, 479

Sait, Una B., New Horizons for the Family, 233
Salle, A. J., Fundamental Principles in Bacteriology, 362
Salmo, 410
Salt balance estimates, 457
Samuels, J., The Female Cycle, 263
Sanger, Margaret, Margaret Sanger, an Autobiography, 237
Sanitary Commission of Egypt, Report on the 1938 Pilgrimage to Hedjaz, 243
Sansome, F. W., Recent Advances in Plant Genetics, 467
Saunders, E. R., Floral Morphology, 482
Save, G., The Healing Knife, 83
Saxon, E. J., Soil and Human Health, 468
Sayles, L. P., Manual for Comparative Anatomy, 93
Scales of fish, growth habits of, 423
SCHEER, B. T., Homing Instinct in Salmon, 408–430
Scheffers, G., Textbook of Mathematics, 378

Scheidemann, N. V., Lecture Demonstrations for General Psychology, 382
Scheinfeld, A., You and Heredity, 465
Schmalhausen, I. I., The Organism as a Whole in Its Individual and Historic Development, 65
Schmidt, K. P., Turtles of the Chicago Area, 89
Schneider, B. A., Effects of Feeding Thyroid Substance, 289–310, 431–450
Schneider, E. C., Physiology of Muscular Activity, 375
Schreider, E., Human Types, Pts. I, II, III, 350
Schrenkeisen, R., Field Book of Fresh-Water Fishes of North America North of Mexico, 248
Schultz, B. K. (Ed.), Proceedings of the German Society for Race Investigations, Vol. 9, 475
Schwann's cell, 387
Schweitzer, A., African Notebook, 348
Seals, 451
Sea-tagging of salmon, 422
Seguy, E., Life Histories of Flies and Mosquitoes, 245
Seifriz, W., The Physiology of Plants, 254
Seligmann, H. J., Race Against Man, 473
Semmes, R., Crime and Punishment in Early Maryland, 356
Serpentine cylinder, 395
Sex (book reviews), 105, 262, 377, 492
Sex and internal secretions, 460
Sexual maturity, in mice, 20
development, premature, 211
Shapiro, H. L., Migration and Environment, 349
Shattuck, G. G., *et al.*, A Medical Survey of the Republic of Guatemala, 371
Shuttleworth, F. K., The Adolescent Period, 84
Simmons, J. S., *et al.*, Malaria in Panama, 490
Simonnet, H., and Robey, M., The Corpus Luteum, 372
Simpkins, R. B., The Basic Mechanics of Human Vision, 485
Simpson, S. L., Major Endocrine Disorders, 101
Sinnott, E. W., and Dunn, L. C., Principles of Genetics, 340
Sir Joseph Banks Islands. McCoy Society Reports, Pt. I, 73; Pt. II, 468
Skinner, B. F., The Behavior of Organisms, 107
Slonaker, J. R., The Effect of Different Percentages of Protein in the Diet of Six Generations of Rats, 373
Small, J. K., Ferns of the Southeastern States, 253
Smith, A. D. Buchanan, The Genetics of the Pig, 229
Smith, A. H., Common Edible and Poisonous Mushrooms of Southeastern Michigan, 364
Smith, G., An Introduction to Industrial Mycology, 252
Smithsonian Institution, Annual Report of the Board of Regents of the Smithsonian Institution (1937), 71
Snedecor, G. W., Statistical Methods Applied to Experiments in Agriculture and Biology, 264
Sobotak, H., The Chemistry of the Sterids, 104
Social dominance and sexual status in the chimpanzee, 115
Sollmann, T. H., and Hanzlik, P. J., Fundamentals of Experimental Pharmacology, 374
Spawning grounds, 412
Species specificity of the gonadotropic factors in vertebrates, 311
Spence, K. W., The Solution of Multiple Choice Problems by Chimpanzees, 497
Spengler, J. J., France Faces Depopulation, 235
Stamp, L. D., Physical Geography and Geology, 231
Stefansson, V., Unsolved Mysteries of the Arctic, 355
Stempell, W., Animal Parasites of Man, 360
Stephenson, Marjory, Bacterial Metabolism, 362
Sterility, 13, 192, 211
Stiebeling, Hazel K., and Phipard, Esther F., Diets of Families of Employed Wage Earners and Clerical Workers in Cities, 374
Stiles, K. A., Handbook of Microscopic Characteristics of Tissues and Organs, 375
Stirling, M. W., Historical and Ethnographical Material on the Jivaro Indians, 79
Strain, H. H., Leaf Xanthophylls, 251
Strausbaugh, P. D., and Weimer, B. R., A Manual for the Biology Laboratory, 71
Stroud, J. B., Introduction to General Psychology, 109
Stuart, H. C., and Staff. Studies from the Center for Research in Child Health and Development, Harvard University, I., 488.
Subordinate individuals, 121
Szondi, L., Contributions to Fate Analysis. I. Analysis of Marriage, 264

Tagging, of fish, 409
Tayler, J. L., Educational Foundations, 385
Taylor, F. S., The March of Mind, 498
Taylor, J. G., Popular Psychological Fallacies, 107
Terman, L. M., *et al.*, Psychological Factors in Marital Happiness, 494
Thomas, Dorothy S., *et al.*, Research Memorandum on Migration Differentials, 232
Thomas, J. O., and Davies, L. J., Common British Grasses and Legumes, 254
Thompson, R. C., Genetic Relations of Some Color Factors in Lettuce, 229
Thooris, A., Somatology in Medicine, 366
Thorndike, E. L., Your City, 470
Thyroid feeding, 289, 431
gland, chemistry of, 289

Thyroxin, 297, 431
Tiffany, L. H., Algae: The Grass of Many Waters, 253
Tinker, M. A., and Baker, K. H., Introduction to Methods in Experimental Psychology, 109
Timme, W., *et al.* (Eds.), The Pituitary Gland, 101
Tompkins, Jane, Moo-Wee, The Musk-Ox, 360
Tornay, S. C., Ockham; Studies and Selections, 75
Torrey, T. W., Organisms in Time, 275–288
Tout, H., The Standard of Living in Bristol, 356
Trophic nature of the plant-like flagellates, 1
Tribolium, 37
Trudel, W., The Alamanni of Elgg, 241
Turner, C. E., Personal and Community Health, 489
Principles of Health Education, 374
Tyrrell, G. N. M., Science and Psychical Phenomena, 497

Urine secretion, 457
U. S. Department of Labor, Children's Bureau, Proceedings of Conference on Better Care for Mothers and Babies, 243
on Infant Care, 243
Paternity, 243
State Child-Welfare Services, 243

Valentin, G., 399
Vance, R. B., Research Memorandum of Population Redistribution within the United States, 232
Van Dersal, W. R., Native Woody Plants of the United States, Their Erosion-Control and Wildlife Values, 363
Van Dyke, H. B., The Physiology and Pharmacology of the Pituitary Body, Vol. II, 490
Van Nostrand's Scientific Encyclopedia, 270
Vedder, H., South West Africa in Early Times, 355
Verdoorn, Fr., *et al.*, Manual of Pteridology, 92
Verrill, A. H., Wonder Plants and Plant Wonders, 481

Waddell, J. A., and Haag, H. B., Alcohol in Moderation and Excess, 369
Waksman, S. A., Humus, 365
Walker, A. E., The Primate Thalamus, 94
Wall, N. J., and Engquist, E. J., A Graphic Summary of Agricultural Credit, 357
Walter, H. E., Biology of the Vertebrates, 476
Genetics, 69
Walton, R. P., Marihuana, 258
Ward, F. K., Plant Hunter's Paradise, 91
Water balance in marine mammals, 451
Waterman, N., Diet and Cancer, 95
Watkeys, C. W. (Ed.), An Orientation in Science, 110
Watson, D. L., Scientists Are Human, 268
Wauchope, R., Modern Maya Houses, 240
Waugh, A. E., Laboratory Manual and Problems for Elements of Statistical Method, 106
Webb, W. S., An Archaeological Survey of the Norris Basin in Eastern Tennessee, 240
Wecter, D., Edmund Burke and His Kinsmen, 354
Weight and dominance, 129
Wellhouse, W. H., and Hendrickson, G. O., College Biology, 468
Wethered, H. N., The Mind of the Ancient World, 109
Whales, 451
Wheeler, W. F., Text-Book of Zoology, 144
Wheeler, W. M., Essays in Philosophical Biology (Selected by G. H. Parker), 341
Whillis, J., Elementary Anatomy and Physiology, 367
White, E. Grace, A Laboratory Manual of General Biology, 73
White, Wendell, The Psychology of Making Life Interesting, 496
Whitehead, A. N., Modes of Thought, 269
Wieman, H. L., General Zoology, 89
Wile, I. S., Personality Development and Social Control in Terms of Constitution and Culture, 495
Williams, J. J., *S. J.*, Africa's God. IX. South Africa, 79
Africa's God. X. Conclusion, 234
The Maroons of Jamaica, 349
Thoughts on Evolution, 464
Williams, R. R., and Spies, T. D., Vitamin B_1 (Thiamin) and Its Use in Medicine, 97
Williams, S. H., A Laboratory and Field Guide to Biology, 71
Willis, L. G. (Compiled by), Bibliography of References to the Literature of the Minor Elements and Their Relation to Plant and Animal Nutrition, 497
Wilmarth, M. Grace (Compiled by), Lexicon of Geologic Names of the United States (including Alaska), 464
Wilson, Maud, Housing Requirements of Farm Families in the United States, 475
Wilson, R. W., *et al.*, Studies on Cenozoic Vertebrates of Western North America, 227
Wilton, G. W., Fingerprints; History, Law and Romance, 486
Wolf, A., A History of Science, Technology, and Philosophy in the Eighteenth Century, 383
Woltereck, 141, 224
Wood, L. F. (with R. L. Dickinson), Harmony in Marriage, 377
Wood, T., Cobbers, 235
Woofter, T. J., Jr., and Winston, Ellen, Seven Lean Years, 473
Worthington, E. B., Science in Africa, 385

Woytinsky, W. S., Labor in the United States, 238
Wrench, G. T., The Wheel of Health, 257
Wright, E. C. B., General Plant Physiology, 361

Yerkes, R. M., Social Dominance and Sexual Status in the Chimpanzee, 115–136
Youngken, H. W., A College Textbook of Pharmaceutical Botany, 92

Zeiger, K., Physiochemical Factors in Histological Techniques, 95
Ziervogel, C., Brown South Africa, 237
Zimmermann, W., Inheritance of Acquired Characters, 339
Zinsser, H., *et al.*, Immunity, 368
Zoologica, 87, 247, 359, 478
Zoology (book reviews), 84, 243, 357, 476
Zooplankton, grazing activity of, 61